

Practice Project 1.1

1.1.1 Write a program in Java to perform implicit and explicit type casting

```
package module1;

public class TypeCasting {

    public static void main(String[] args) {

        //explicit conversion
        double c=45.5;
        int d=(int)c;
        System.out.println("Value of c: "+c);
        System.out.println("Value of d: "+d);

        //implicit conversion
        System.out.println("Implicit Type Casting");
        char x='F';
        System.out.println("Value of a: "+x);

        int y=x;
        System.out.println("Value of b: "+y);

        float z=x;
        System.out.println("Value of c: "+z);

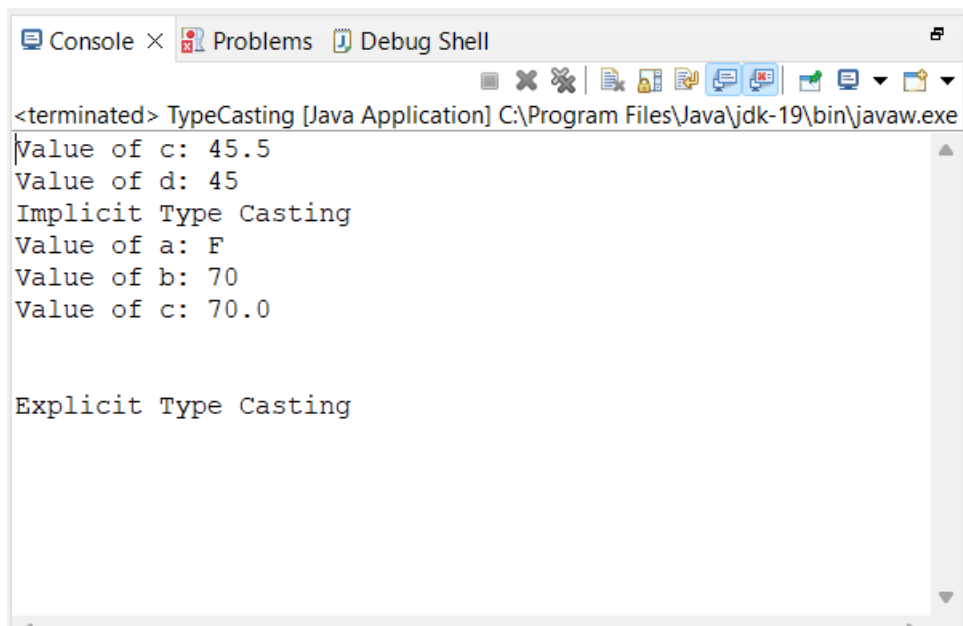
        System.out.println("\n");

        System.out.println("Explicit Type Casting");

    }

}
```

1.1.2: Output:



The screenshot shows a Java IDE window with a console tab. The title bar includes 'Console', 'Problems', and 'Debug Shell'. The console output is as follows:

```
<terminated> TypeCasting [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe
Value of c: 45.5
Value of d: 45
Implicit Type Casting
Value of a: F
Value of b: 70
Value of c: 70.0

Explicit Type Casting
```